

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082118\
 Data File : PQ031290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 20:50
 Operator : SM\SJ
 Sample : J4539-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 00:40:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 05:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.601	3.885	29746878	32816861	14.296	18.316 #
2)	SA Decachlor...	10.458	8.967	25840220	22821615	13.845	12.032
Target Compounds							
3)	L1 AR-1016-1	0.000	4.565	0	1042123	N.D.	42.395 #
4)	L1 AR-1016-2	0.000	4.984	0	9602544	N.D.	154.534 #
5)	L1 AR-1016-3	5.778	4.984	2878716	9602544	41.756	108.863 #
6)	L1 AR-1016-4	5.839	5.061	4461804	3547294	70.444	62.420
7)	L1 AR-1016-5	6.429	5.222	3557562	3288031	64.353	93.020 #
8)	L2 AR-1221-1	4.804	4.130	2232062	2420059	111.810	150.748 #
9)	L2 AR-1221-2	4.831	4.130	10134049	2420059	651.767	182.281 #
10)	L2 AR-1221-3	0.000	4.308	0	4478245	N.D.	106.656 #
11)	L3 AR-1232-1	5.319	4.565	4921924	1042123	252.391	108.947 #
12)	L3 AR-1232-2	0.000	4.984	0	9602544	N.D.	288.432 #
13)	L3 AR-1232-3	5.778	5.061	2878716	3547294	109.983	153.307 #
14)	L3 AR-1232-4	5.839	5.256	4461804	2637959	174.064	163.803
15)	L3 AR-1232-5	6.250	5.554	6068250	1965373	333.657	104.275 #
16)	L4 AR-1242-1	0.000	4.712	0	1349040	N.D.	44.890 #
17)	L4 AR-1242-2	5.778	4.984	2878716	9602544	61.879	161.095 #
18)	L4 AR-1242-3	5.800	5.152	2795513	2263965	40.686	71.354 #
19)	L4 AR-1242-4	6.250	5.222	6068250	3288031	169.662	132.650
20)	L4 AR-1242-5	6.429	5.478	3557562	1256270	91.335	36.223 #
21)	L5 AR-1248-1	6.250	5.222	6068250	3288031	97.124	68.755 #
22)	L5 AR-1248-2	6.429	5.256	3557562	2637959	67.998	54.045
23)	L5 AR-1248-3	6.636	5.478	3184628	1256270	58.604	21.228 #
24)	L5 AR-1248-4	6.670	5.789	7141329	2579695	99.111	29.039 #
25)	L5 AR-1248-5	6.861	5.789	5859004	2579695	81.463	42.622 #
26)	L6 AR-1254-1	6.636	5.789	3184628	2579695	37.865	24.038 #
27)	L6 AR-1254-2	6.861	6.002	5859004	3458864	44.194	36.809
28)	L6 AR-1254-3	7.139	6.342	1924569	5555216	23.860	34.700 #
29)	L6 AR-1254-4	7.503	6.510	3431361	6721993	32.126	67.683 #
30)	L6 AR-1254-5	7.926	6.962	6862242	1480746	60.208	10.643 #
31)	L7 AR-1260-1	7.396	6.453	7393365	6074308	70.204	56.884
32)	L7 AR-1260-2	7.652	6.660	7654453	1312515	60.522	10.076 #
33)	L7 AR-1260-3	7.926	7.036	6862242	32895120	47.833	314.664 #
35)	L7 AR-1260-5	8.888	7.866	10574388	8061731	79.882	46.435 #
36)	L8 AR-1262-1	7.396	6.453	7393365	6074308	84.035	69.933
37)	L8 AR-1262-2	7.652	6.660	7654453	1312515	74.289	12.532 #
38)	L8 AR-1262-3	7.926	7.036	6862242	32895120	69.104	223.782 #
39)	L8 AR-1262-4	8.254	0.000	5151285	0	40.087	N.D. #
41)	L9 AR-1268-1	8.888	7.866	10574388	8061731	42.975	30.241 #
42)	L9 AR-1268-2	0.000	7.866	0	8061731	N.D.	33.338 #
44)	L9 AR-1268-4	9.650	0.000	6613188	0	80.331	N.D. #

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 Acq On : 21 Aug 2018 20:50
 Operator : SM\SJ
 Sample : J4539-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

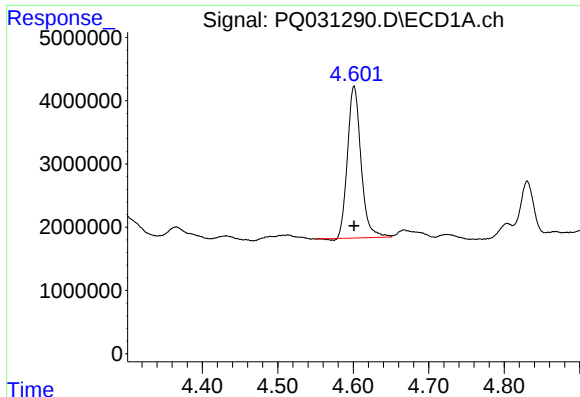
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.753	0	4648227	N.D.	7.150 #

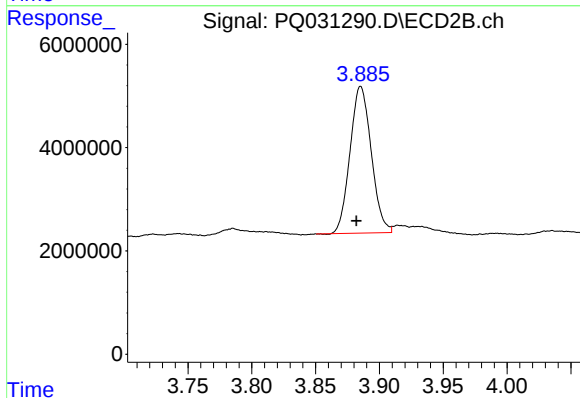
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

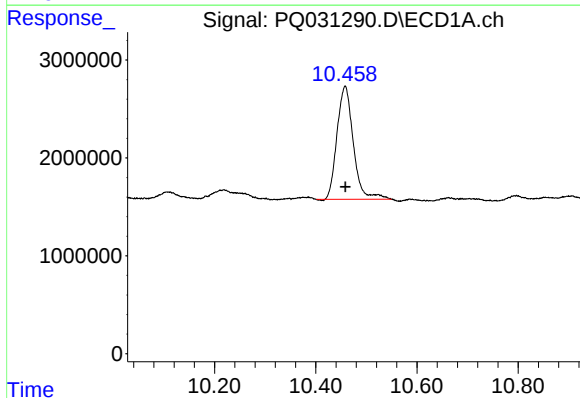
R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 29746878
Conc: 14.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



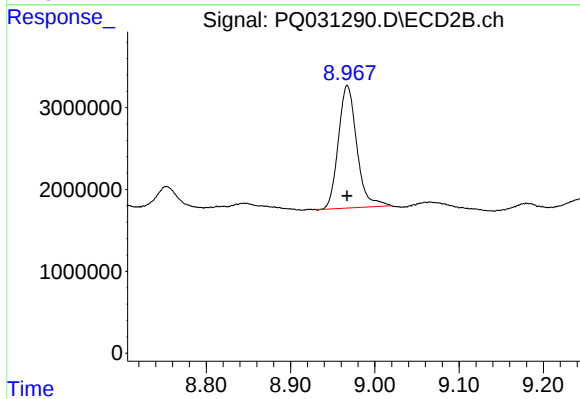
#1 Tetrachloro-m-xylene

R.T.: 3.885 min
Delta R.T.: 0.003 min
Response: 32816861
Conc: 18.32 ng/ml



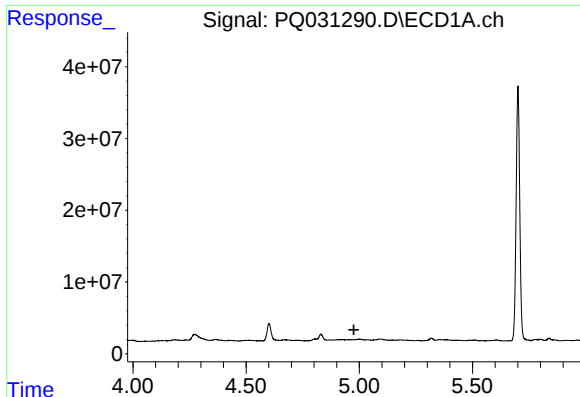
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: 0.000 min
Response: 25840220
Conc: 13.85 ng/ml



#2 Decachlorobiphenyl

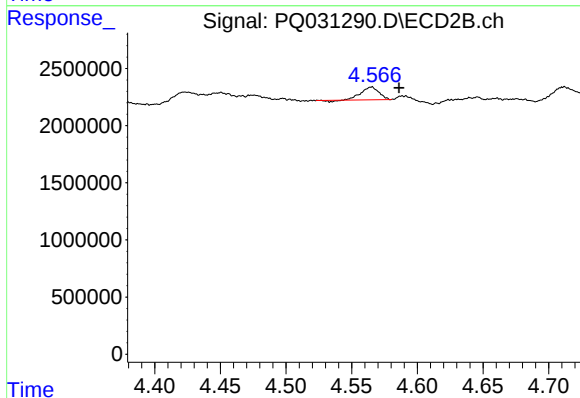
R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 22821615
Conc: 12.03 ng/ml



#3 AR-1016-1

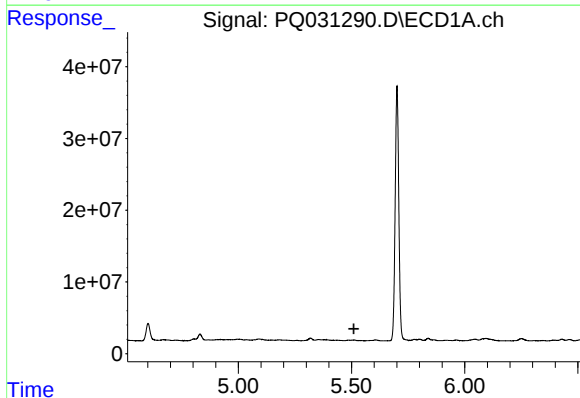
R.T.: 0.000 min
Exp R.T.: 4.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



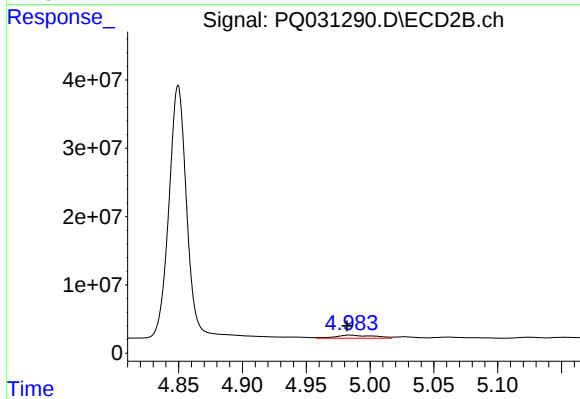
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.021 min
Response: 1042123
Conc: 42.40 ng/ml



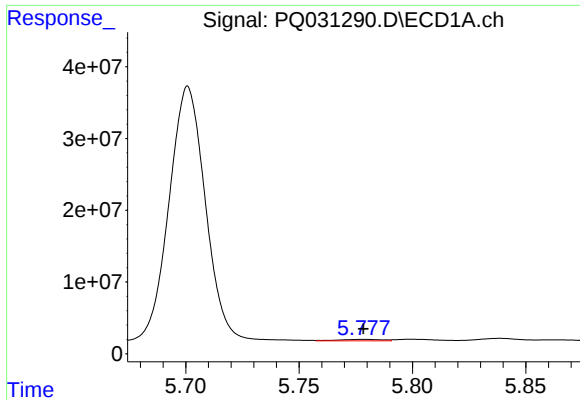
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.510 min
Response: 0
Conc: N.D.



#4 AR-1016-2

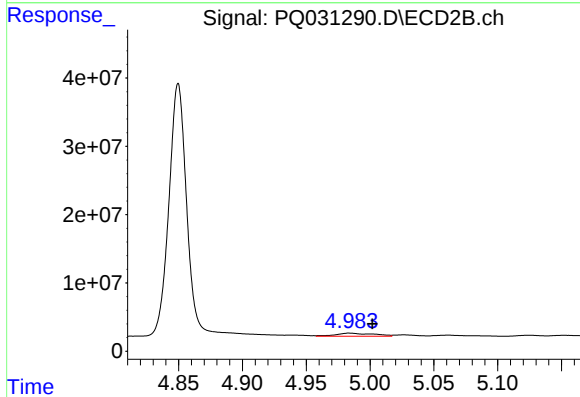
R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 9602544
Conc: 154.53 ng/ml



#5 AR-1016-3

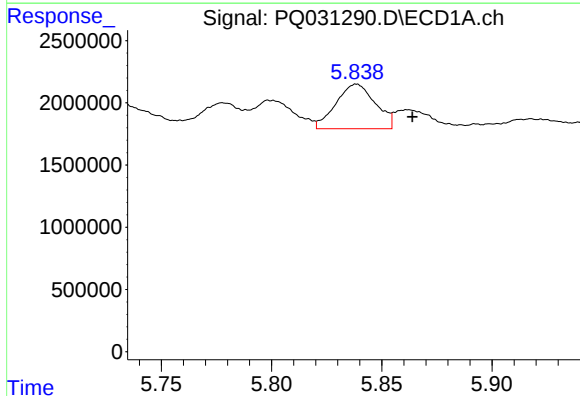
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2878716
Conc: 41.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



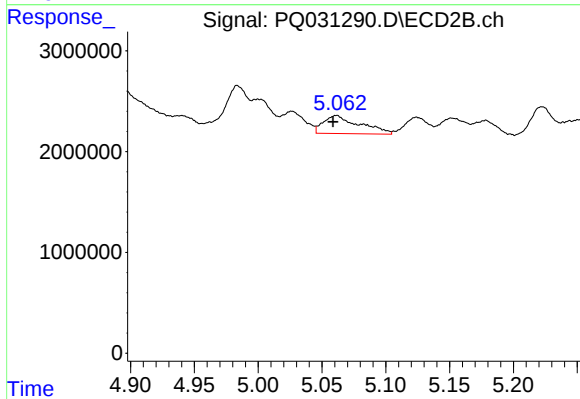
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: -0.018 min
Response: 9602544
Conc: 108.86 ng/ml



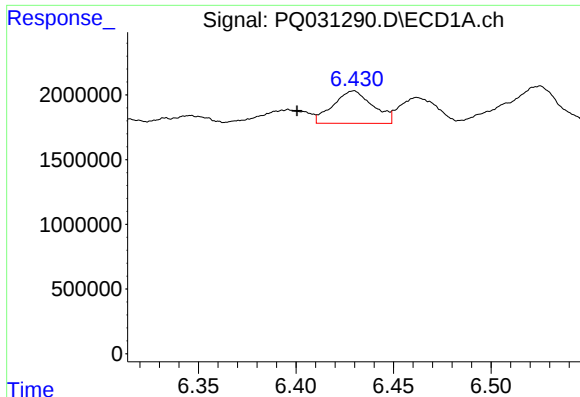
#6 AR-1016-4

R.T.: 5.839 min
Delta R.T.: -0.025 min
Response: 4461804
Conc: 70.44 ng/ml



#6 AR-1016-4

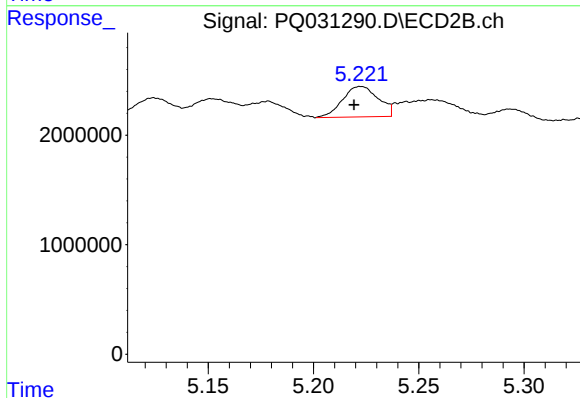
R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 3547294
Conc: 62.42 ng/ml



#7 AR-1016-5

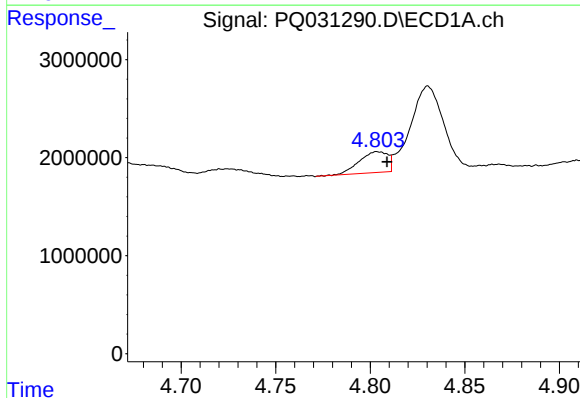
R.T.: 6.429 min
Delta R.T.: 0.029 min
Response: 3557562
Conc: 64.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



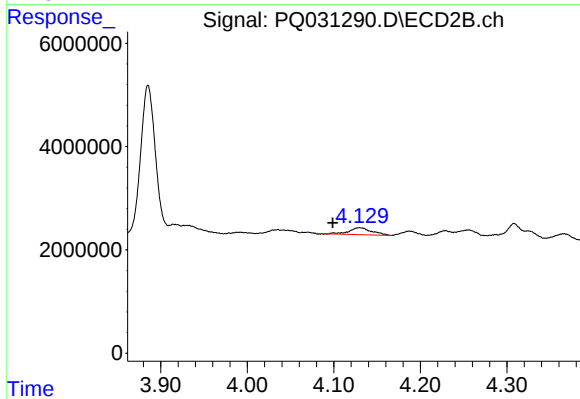
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: 0.003 min
Response: 3288031
Conc: 93.02 ng/ml



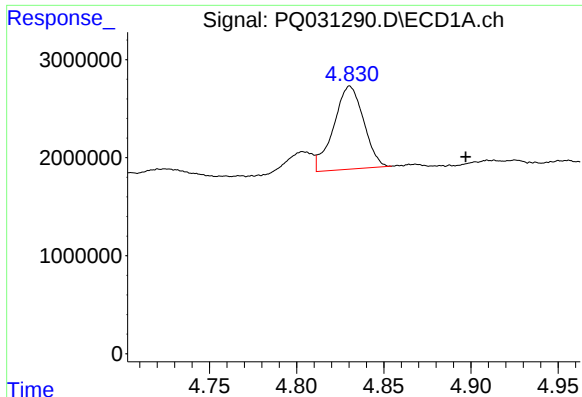
#8 AR-1221-1

R.T.: 4.804 min
Delta R.T.: -0.005 min
Response: 2232062
Conc: 111.81 ng/ml



#8 AR-1221-1

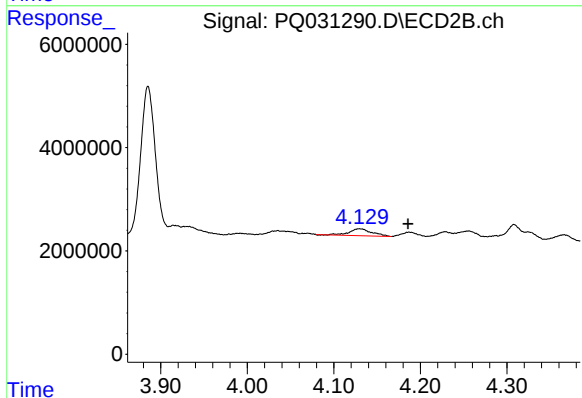
R.T.: 4.130 min
Delta R.T.: 0.031 min
Response: 2420059
Conc: 150.75 ng/ml



#9 AR-1221-2

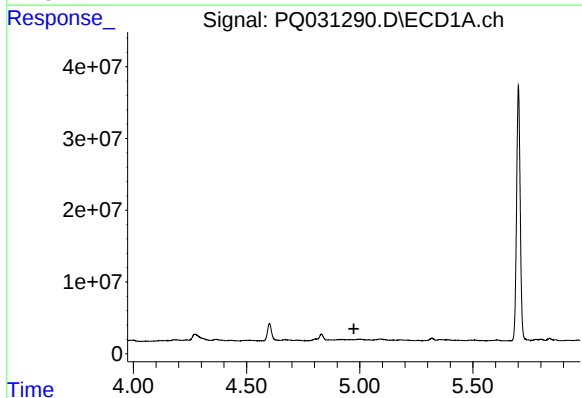
R.T.: 4.831 min
Delta R.T.: -0.066 min
Response: 10134049
Conc: 651.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



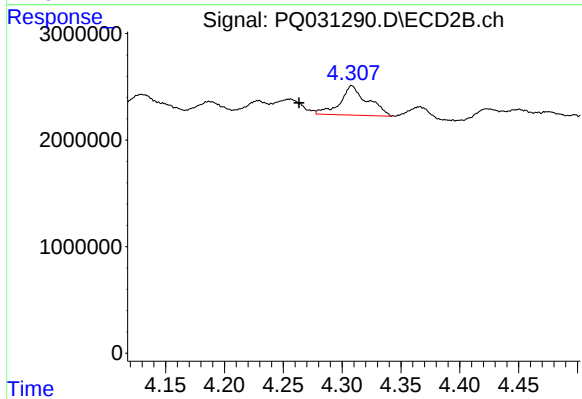
#9 AR-1221-2

R.T.: 4.130 min
Delta R.T.: -0.056 min
Response: 2420059
Conc: 182.28 ng/ml



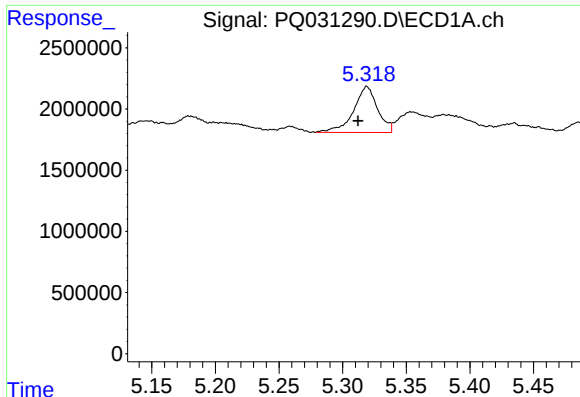
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



#10 AR-1221-3

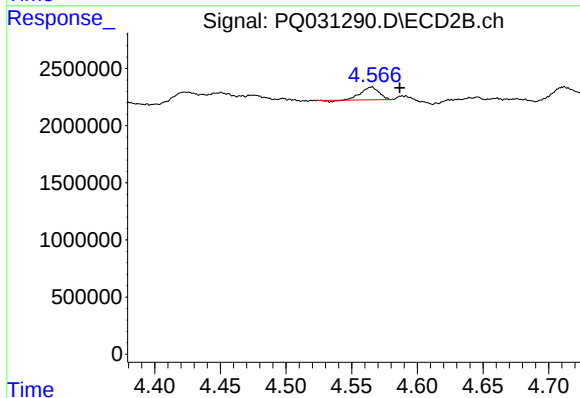
R.T.: 4.308 min
Delta R.T.: 0.045 min
Response: 4478245
Conc: 106.66 ng/ml



#11 AR-1232-1

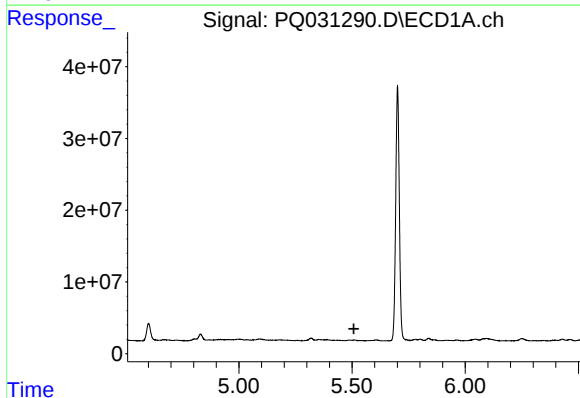
R.T.: 5.319 min
Delta R.T.: 0.007 min
Response: 4921924
Conc: 252.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



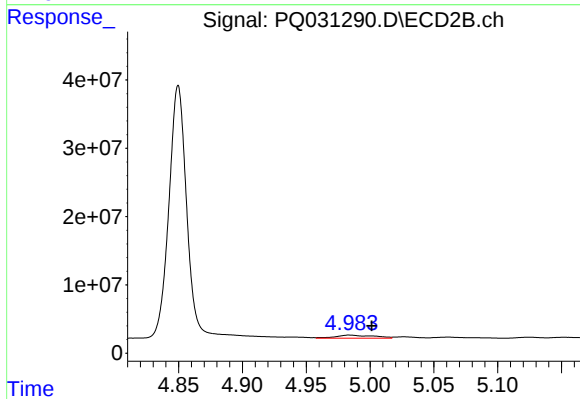
#11 AR-1232-1

R.T.: 4.565 min
Delta R.T.: -0.021 min
Response: 1042123
Conc: 108.95 ng/ml



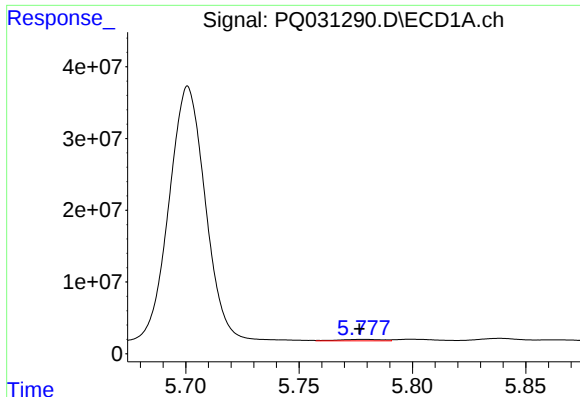
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



#12 AR-1232-2

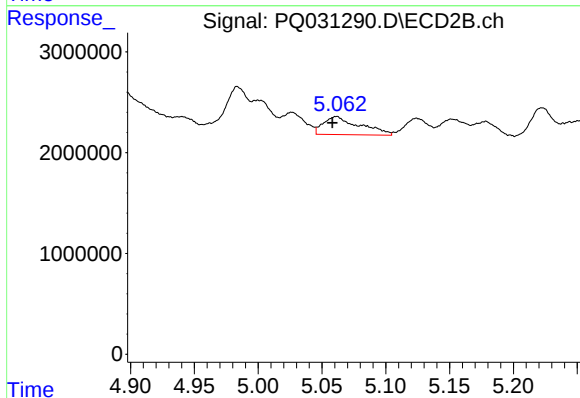
R.T.: 4.984 min
Delta R.T.: -0.017 min
Response: 9602544
Conc: 288.43 ng/ml



#13 AR-1232-3

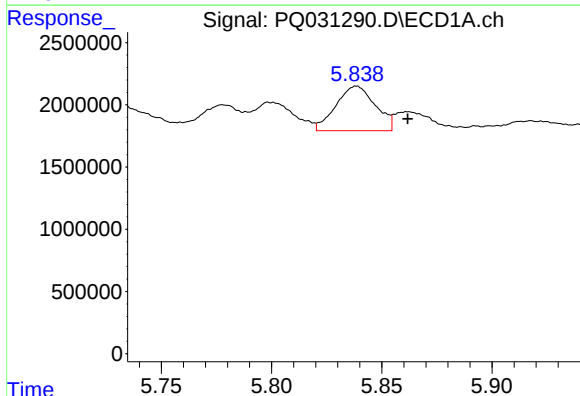
R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 2878716
Conc: 109.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



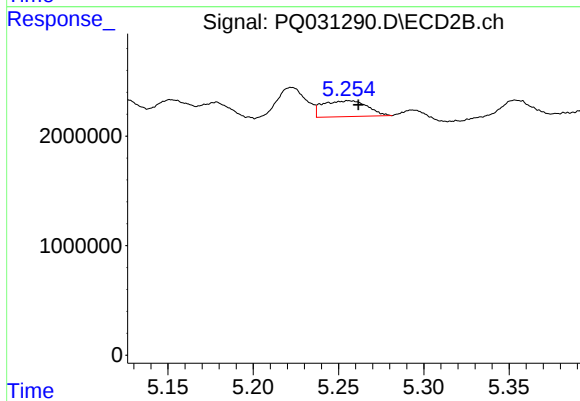
#13 AR-1232-3

R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 3547294
Conc: 153.31 ng/ml



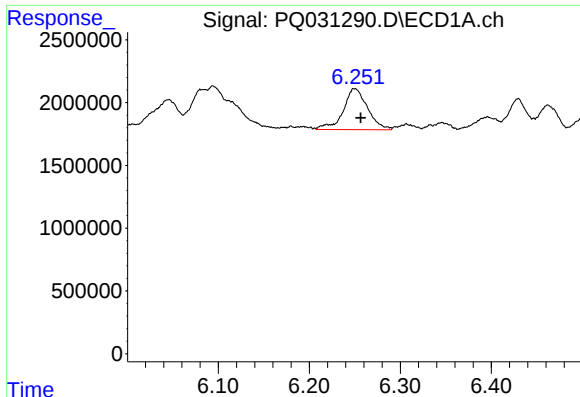
#14 AR-1232-4

R.T.: 5.839 min
Delta R.T.: -0.023 min
Response: 4461804
Conc: 174.06 ng/ml



#14 AR-1232-4

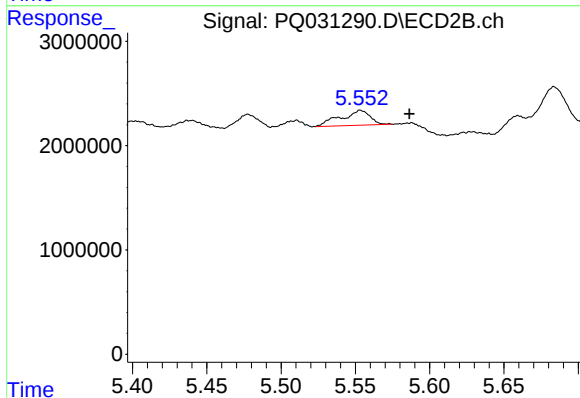
R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 2637959
Conc: 163.80 ng/ml



#15 AR-1232-5

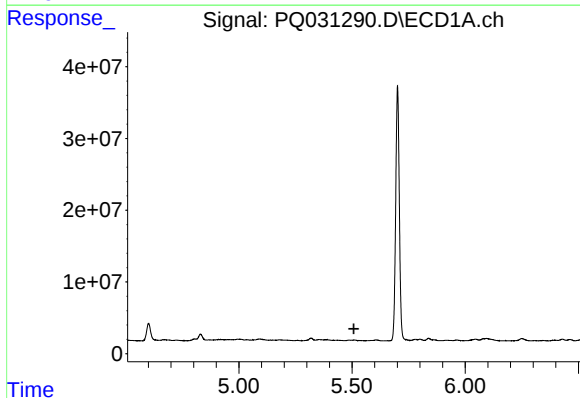
R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 6068250
Conc: 333.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



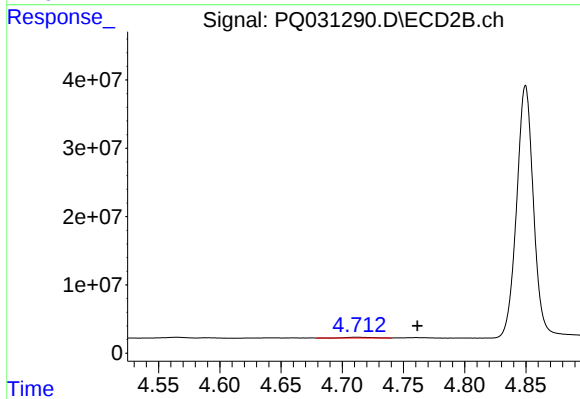
#15 AR-1232-5

R.T.: 5.554 min
Delta R.T.: -0.033 min
Response: 1965373
Conc: 104.27 ng/ml



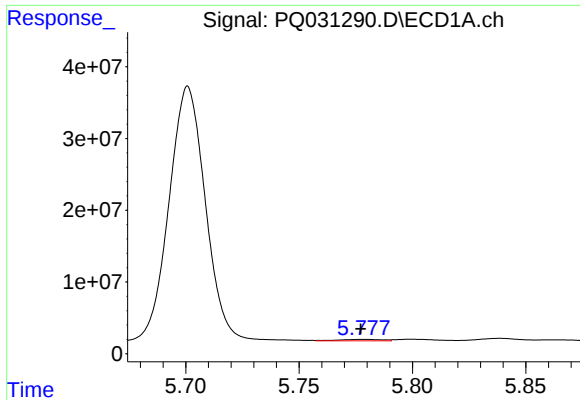
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



#16 AR-1242-1

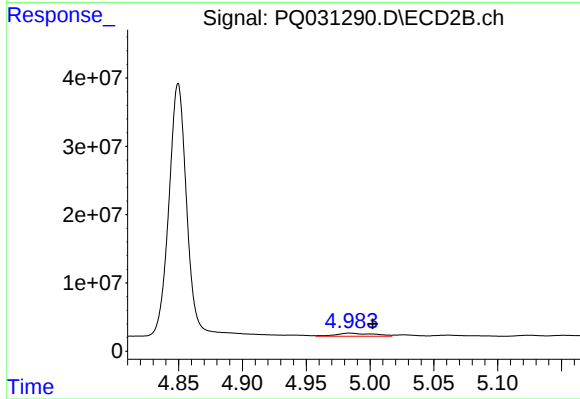
R.T.: 4.712 min
Delta R.T.: -0.050 min
Response: 1349040
Conc: 44.89 ng/ml



#17 AR-1242-2

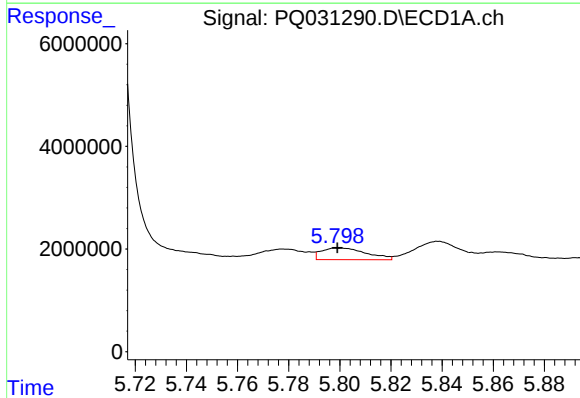
R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 2878716
Conc: 61.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



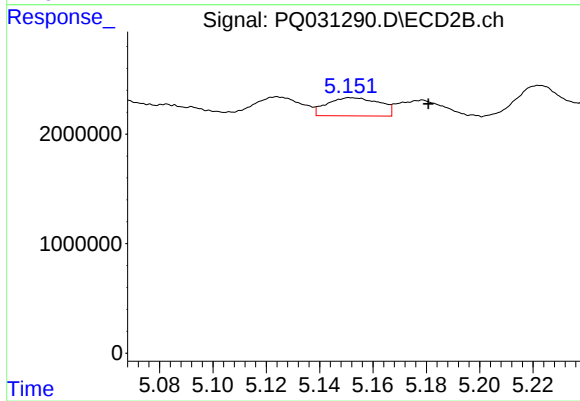
#17 AR-1242-2

R.T.: 4.984 min
Delta R.T.: -0.018 min
Response: 9602544
Conc: 161.10 ng/ml



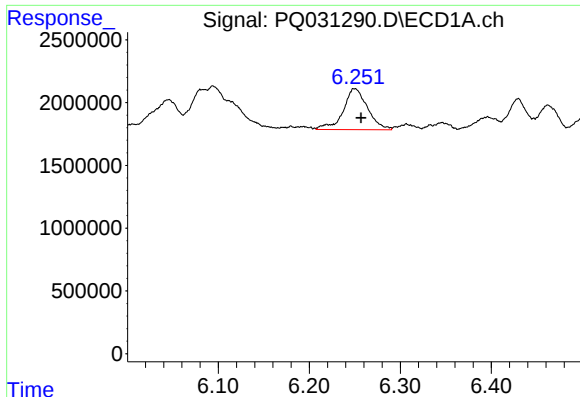
#18 AR-1242-3

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 2795513
Conc: 40.69 ng/ml



#18 AR-1242-3

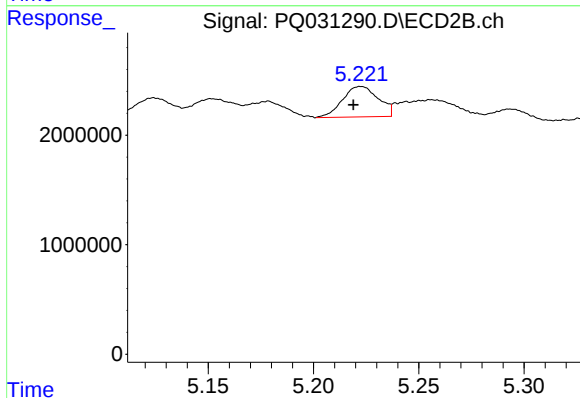
R.T.: 5.152 min
Delta R.T.: -0.029 min
Response: 2263965
Conc: 71.35 ng/ml



#19 AR-1242-4

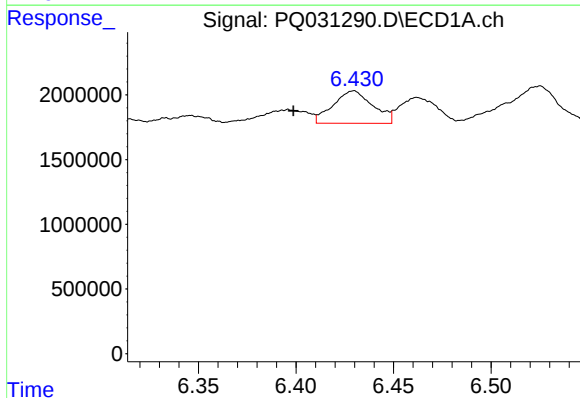
R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 6068250
Conc: 169.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



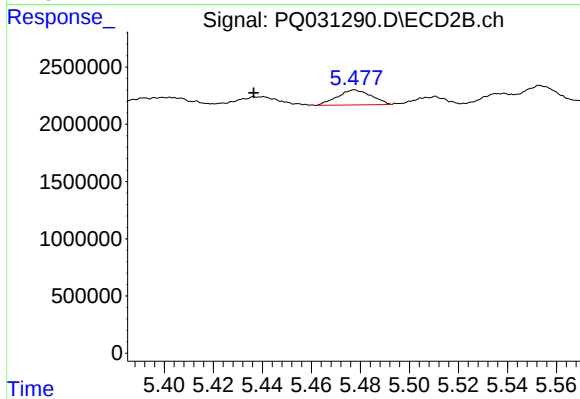
#19 AR-1242-4

R.T.: 5.222 min
Delta R.T.: 0.004 min
Response: 3288031
Conc: 132.65 ng/ml



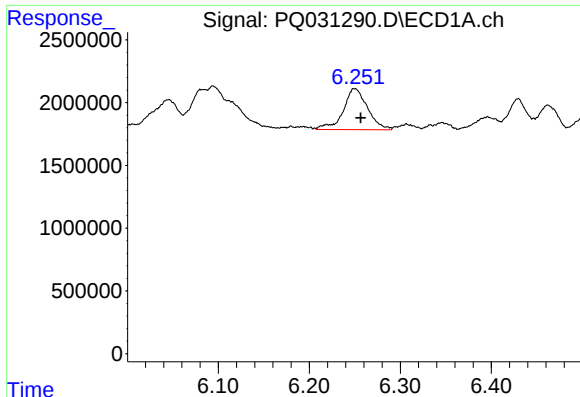
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.031 min
Response: 3557562
Conc: 91.34 ng/ml



#20 AR-1242-5

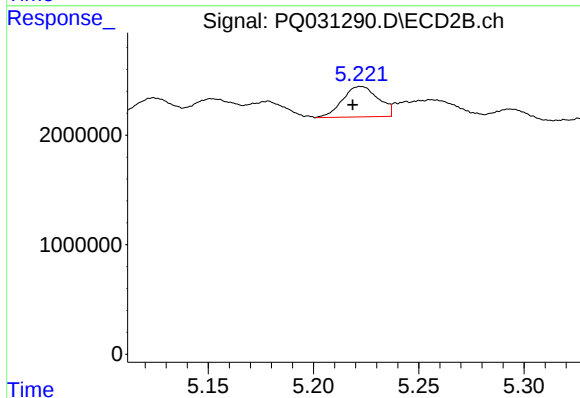
R.T.: 5.478 min
Delta R.T.: 0.041 min
Response: 1256270
Conc: 36.22 ng/ml



#21 AR-1248-1

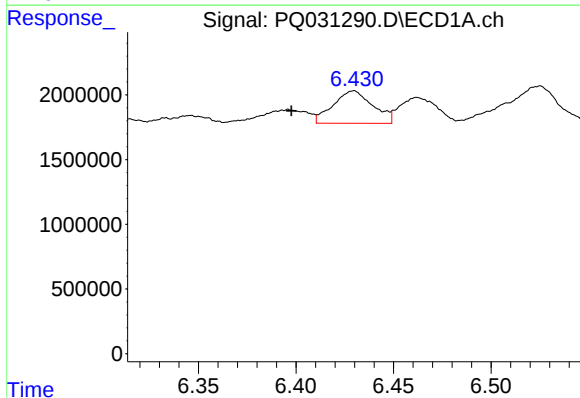
R.T.: 6.250 min
Delta R.T.: -0.006 min
Response: 6068250
Conc: 97.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



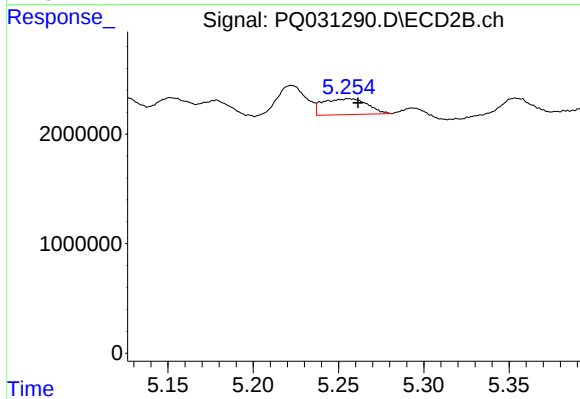
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: 0.004 min
Response: 3288031
Conc: 68.75 ng/ml



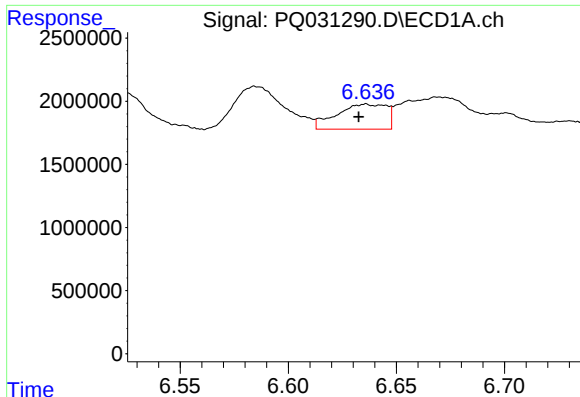
#22 AR-1248-2

R.T.: 6.429 min
Delta R.T.: 0.032 min
Response: 3557562
Conc: 68.00 ng/ml



#22 AR-1248-2

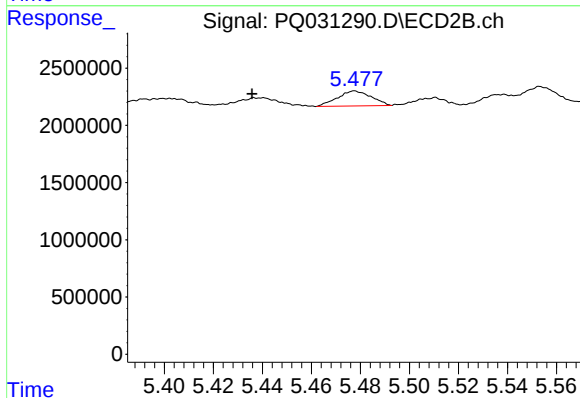
R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 2637959
Conc: 54.05 ng/ml



#23 AR-1248-3

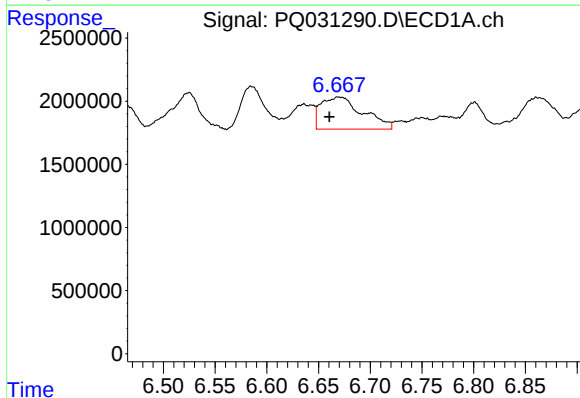
R.T.: 6.636 min
Delta R.T.: 0.003 min
Response: 3184628
Conc: 58.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



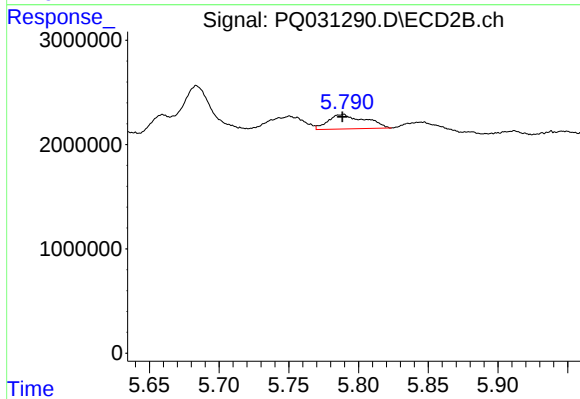
#23 AR-1248-3

R.T.: 5.478 min
Delta R.T.: 0.042 min
Response: 1256270
Conc: 21.23 ng/ml



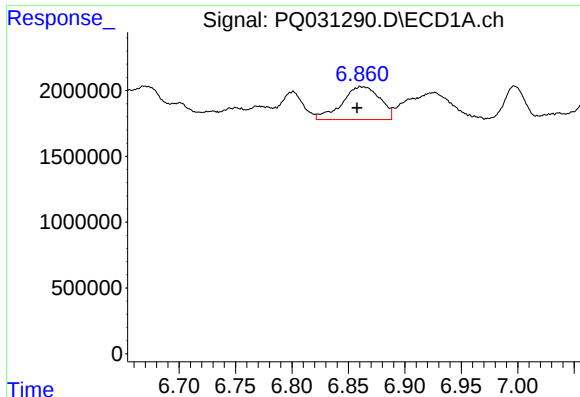
#24 AR-1248-4

R.T.: 6.670 min
Delta R.T.: 0.009 min
Response: 7141329
Conc: 99.11 ng/ml



#24 AR-1248-4

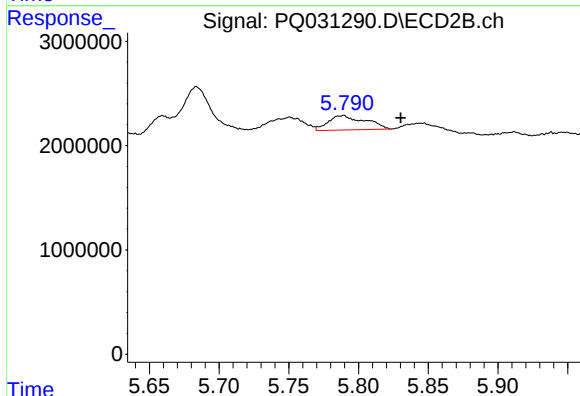
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 2579695
Conc: 29.04 ng/ml



#25 AR-1248-5

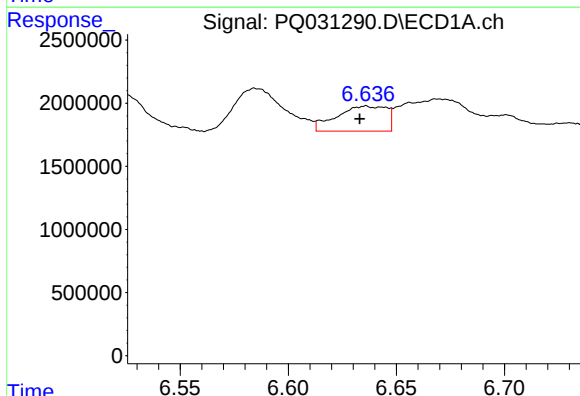
R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 5859004
Conc: 81.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



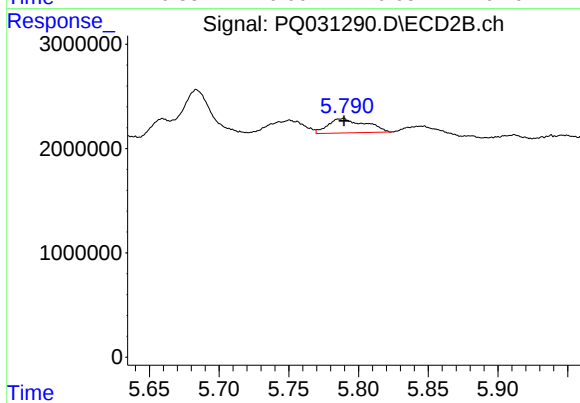
#25 AR-1248-5

R.T.: 5.789 min
Delta R.T.: -0.041 min
Response: 2579695
Conc: 42.62 ng/ml



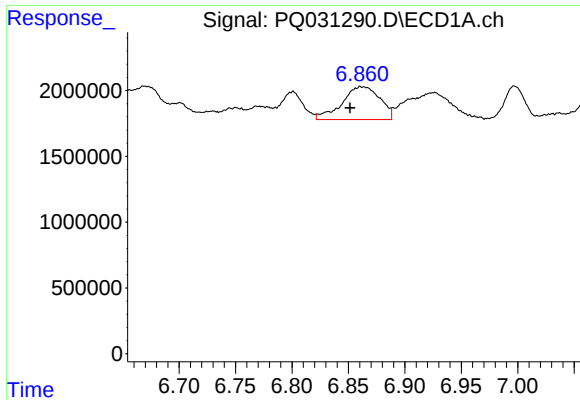
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: 0.003 min
Response: 3184628
Conc: 37.87 ng/ml



#26 AR-1254-1

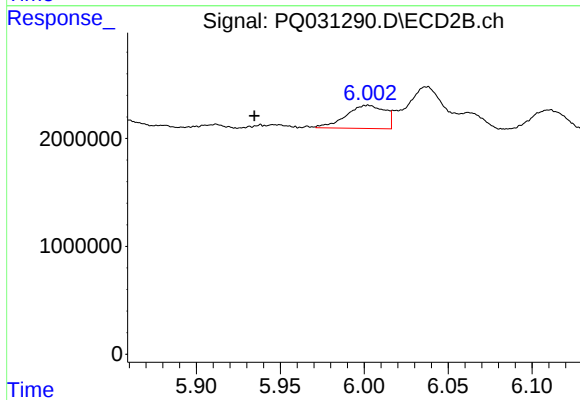
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 2579695
Conc: 24.04 ng/ml



#27 AR-1254-2

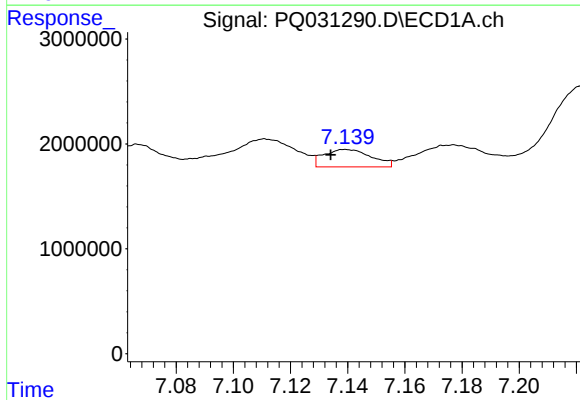
R.T.: 6.861 min
Delta R.T.: 0.010 min
Response: 5859004
Conc: 44.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



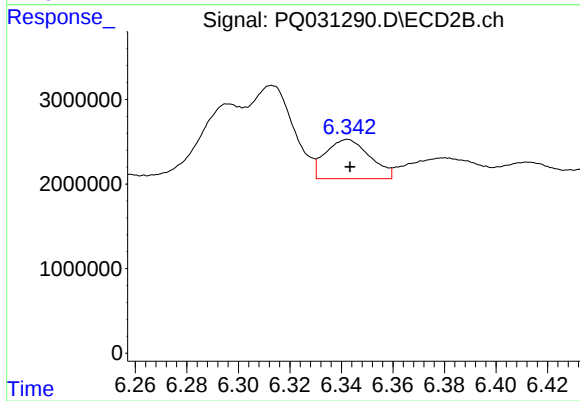
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: 0.068 min
Response: 3458864
Conc: 36.81 ng/ml



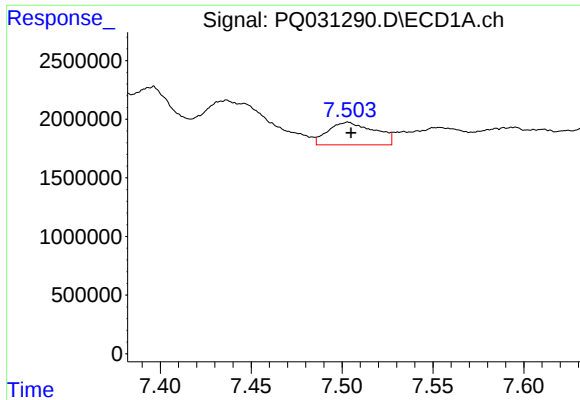
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: 0.005 min
Response: 1924569
Conc: 23.86 ng/ml



#28 AR-1254-3

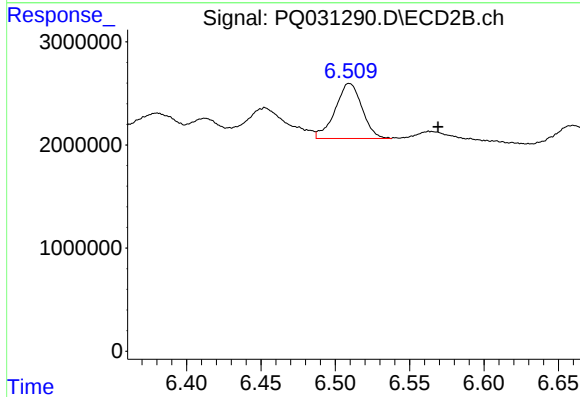
R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 5555216
Conc: 34.70 ng/ml



#29 AR-1254-4

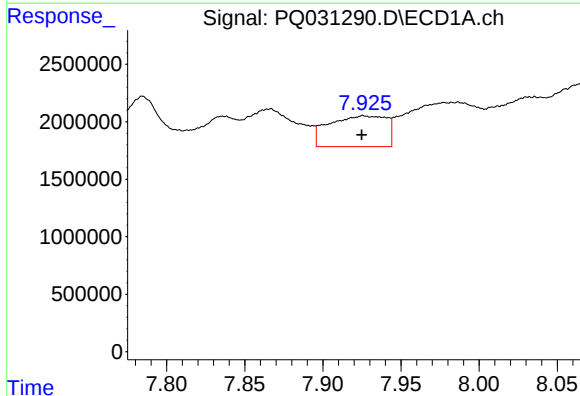
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 3431361
Conc: 32.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



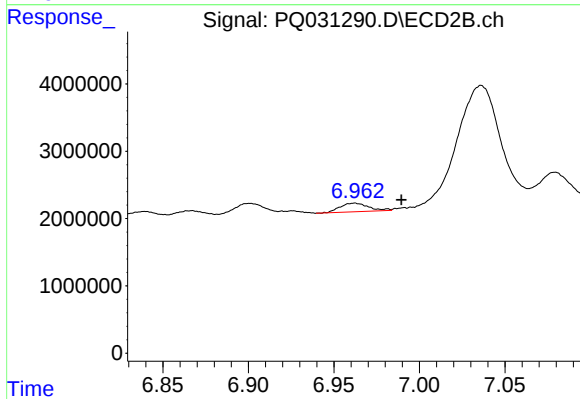
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.060 min
Response: 6721993
Conc: 67.68 ng/ml



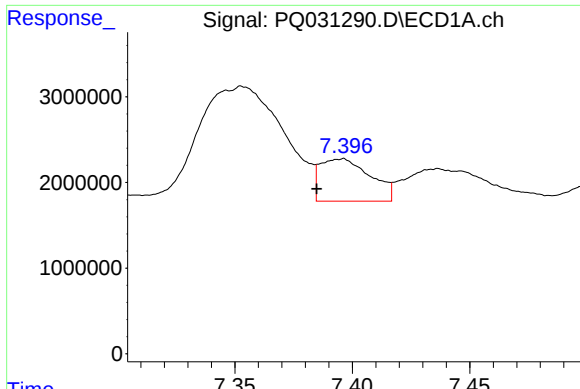
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: 0.001 min
Response: 6862242
Conc: 60.21 ng/ml



#30 AR-1254-5

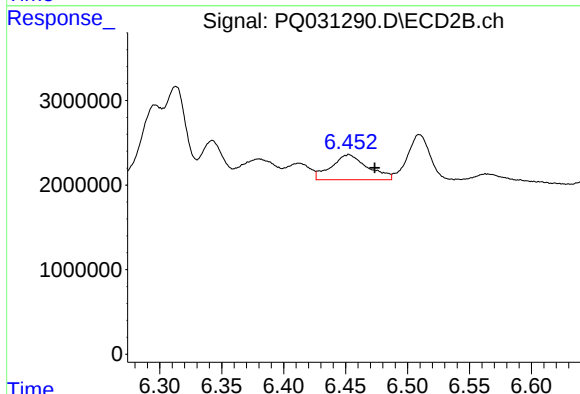
R.T.: 6.962 min
Delta R.T.: -0.027 min
Response: 1480746
Conc: 10.64 ng/ml



#31 AR-1260-1

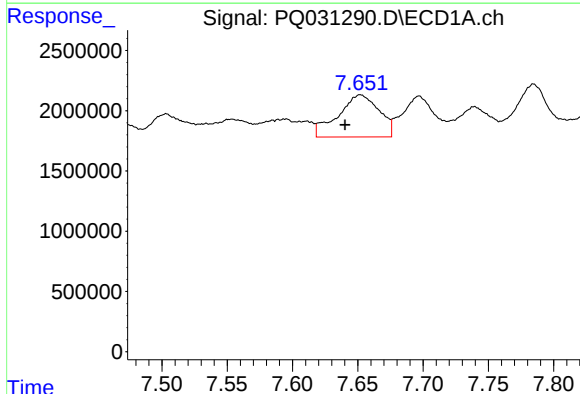
R.T.: 7.396 min
Delta R.T.: 0.011 min
Response: 7393365
Conc: 70.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



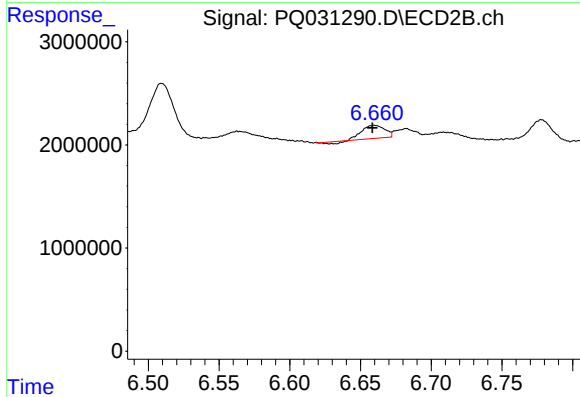
#31 AR-1260-1

R.T.: 6.453 min
Delta R.T.: -0.021 min
Response: 6074308
Conc: 56.88 ng/ml



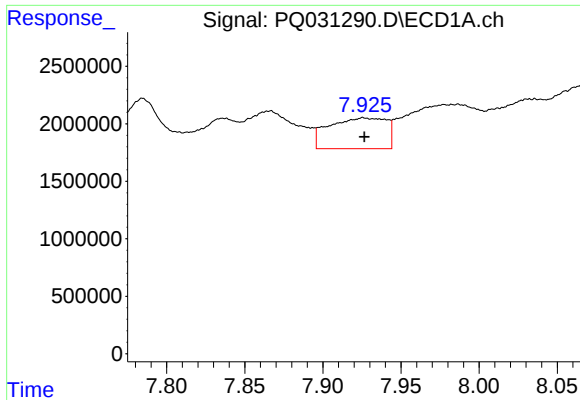
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.012 min
Response: 7654453
Conc: 60.52 ng/ml



#32 AR-1260-2

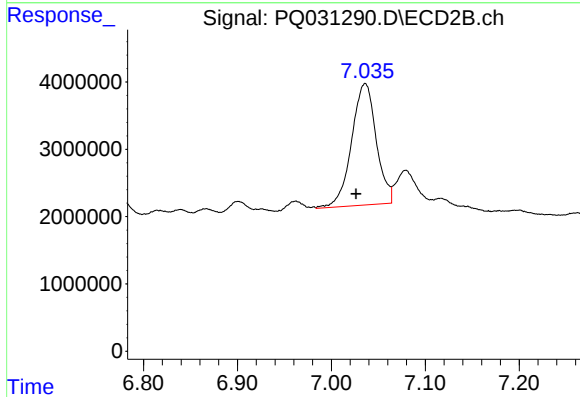
R.T.: 6.660 min
Delta R.T.: 0.001 min
Response: 1312515
Conc: 10.08 ng/ml



#33 AR-1260-3

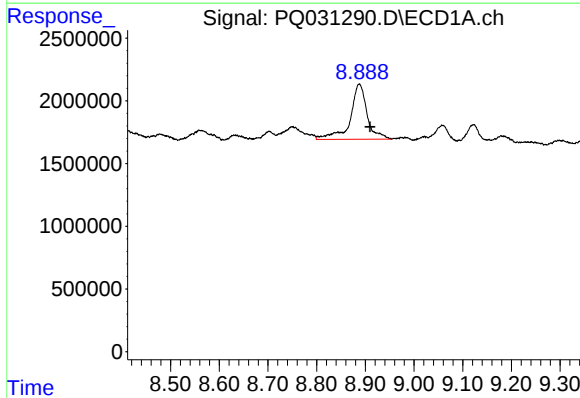
R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 6862242
Conc: 47.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



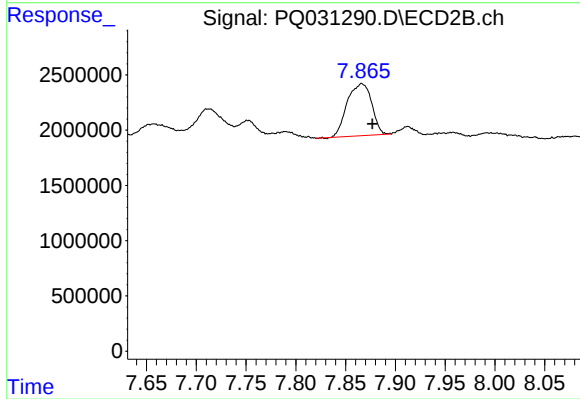
#33 AR-1260-3

R.T.: 7.036 min
Delta R.T.: 0.010 min
Response: 32895120
Conc: 314.66 ng/ml



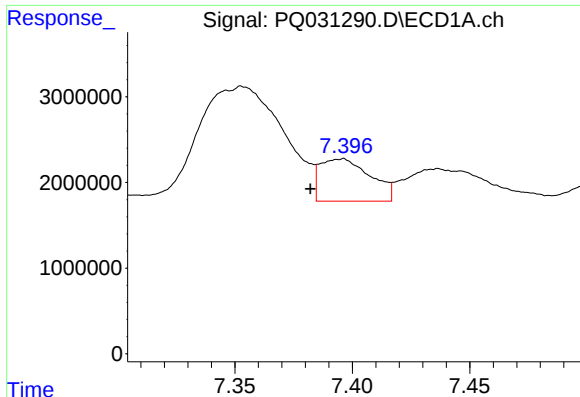
#35 AR-1260-5

R.T.: 8.888 min
Delta R.T.: -0.022 min
Response: 10574388
Conc: 79.88 ng/ml



#35 AR-1260-5

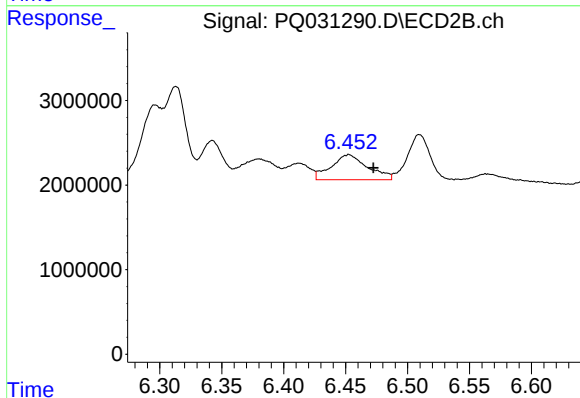
R.T.: 7.866 min
Delta R.T.: -0.011 min
Response: 8061731
Conc: 46.43 ng/ml



#36 AR-1262-1

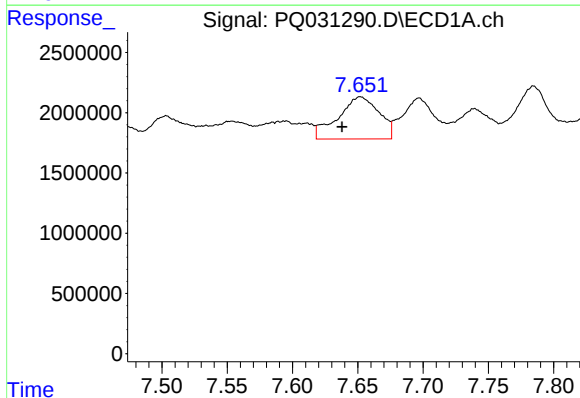
R.T.: 7.396 min
Delta R.T.: 0.013 min
Response: 7393365
Conc: 84.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



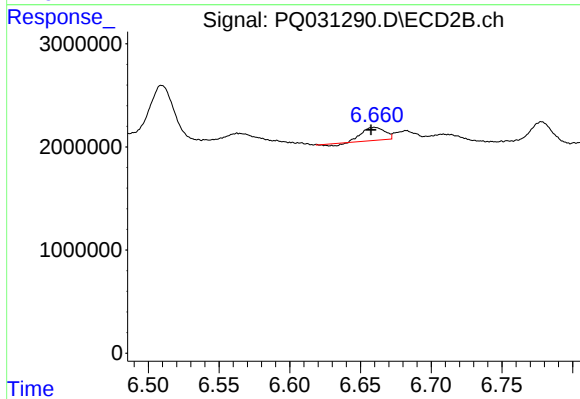
#36 AR-1262-1

R.T.: 6.453 min
Delta R.T.: -0.020 min
Response: 6074308
Conc: 69.93 ng/ml



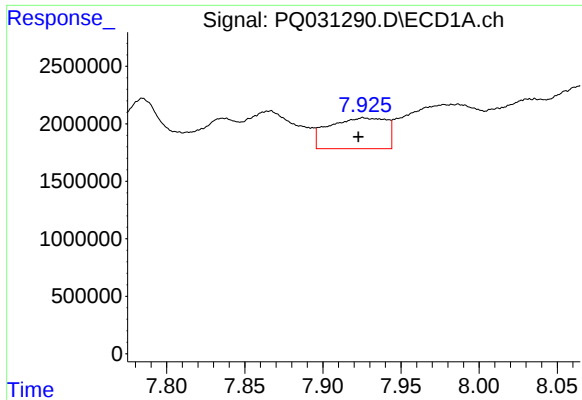
#37 AR-1262-2

R.T.: 7.652 min
Delta R.T.: 0.014 min
Response: 7654453
Conc: 74.29 ng/ml



#37 AR-1262-2

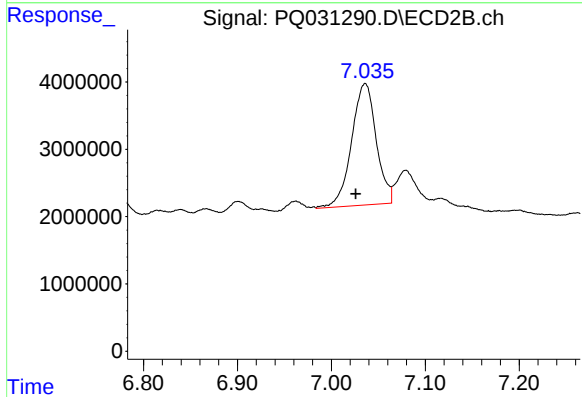
R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 1312515
Conc: 12.53 ng/ml



#38 AR-1262-3

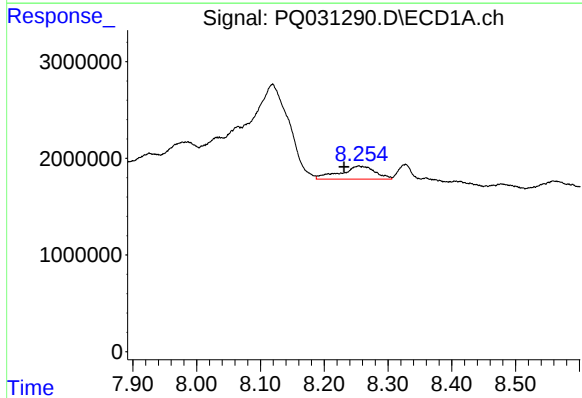
R.T.: 7.926 min
Delta R.T.: 0.003 min
Response: 6862242
Conc: 69.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



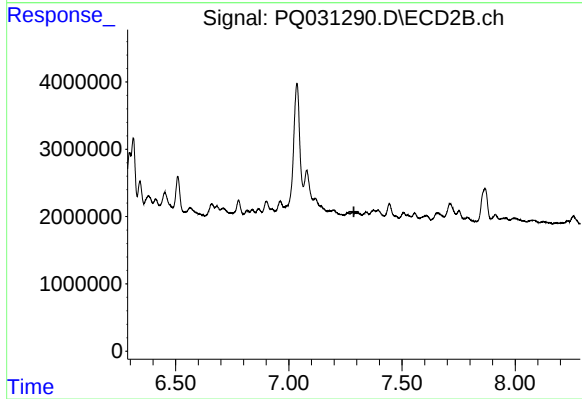
#38 AR-1262-3

R.T.: 7.036 min
Delta R.T.: 0.010 min
Response: 32895120
Conc: 223.78 ng/ml



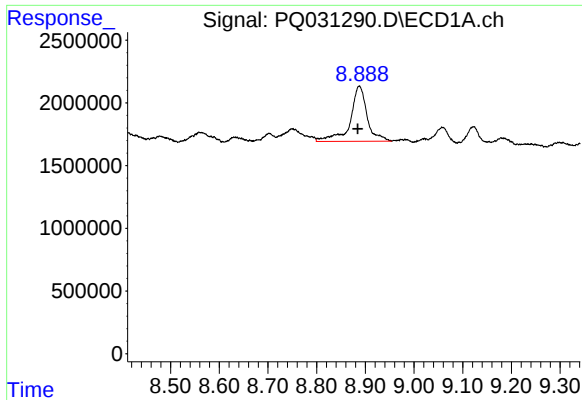
#39 AR-1262-4

R.T.: 8.254 min
Delta R.T.: 0.023 min
Response: 5151285
Conc: 40.09 ng/ml



#39 AR-1262-4

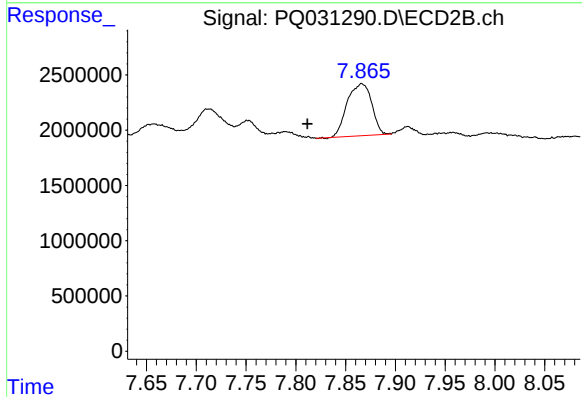
R.T.: 0.000 min
Exp R.T.: 7.288 min
Response: 0
Conc: N.D.



#41 AR-1268-1

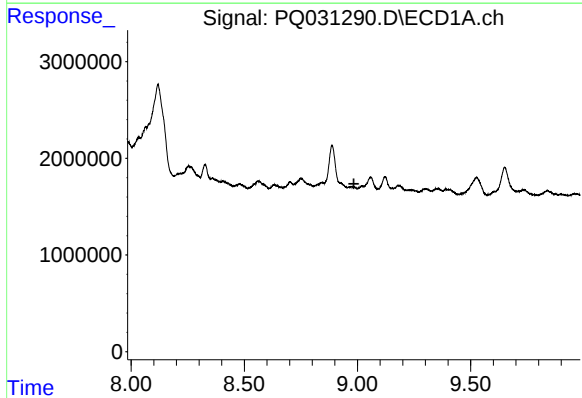
R.T.: 8.888 min
Delta R.T.: 0.003 min
Response: 10574388
Conc: 42.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



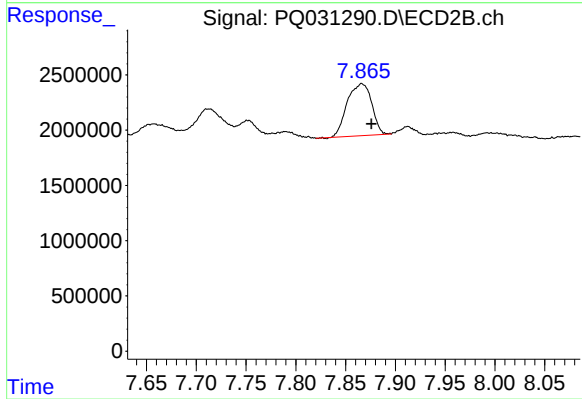
#41 AR-1268-1

R.T.: 7.866 min
Delta R.T.: 0.055 min
Response: 8061731
Conc: 30.24 ng/ml



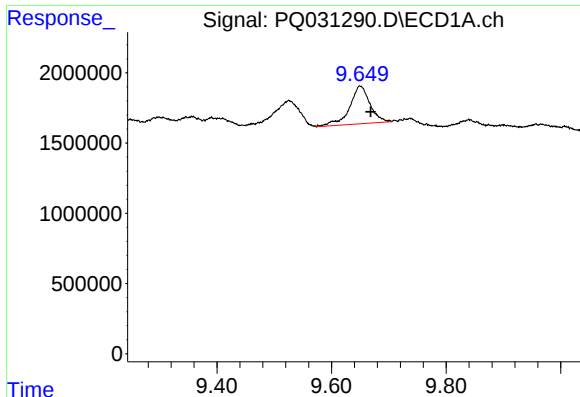
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.984 min
Response: 0
Conc: N.D.



#42 AR-1268-2

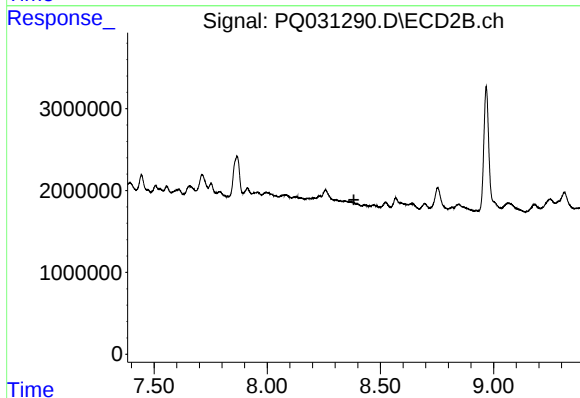
R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 8061731
Conc: 33.34 ng/ml



#44 AR-1268-4

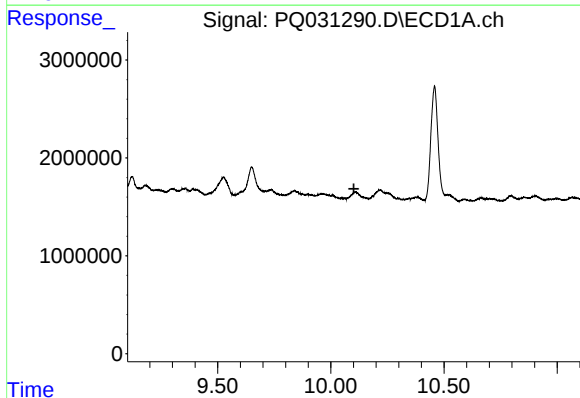
R.T.: 9.650 min
Delta R.T.: -0.019 min
Response: 6613188
Conc: 80.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



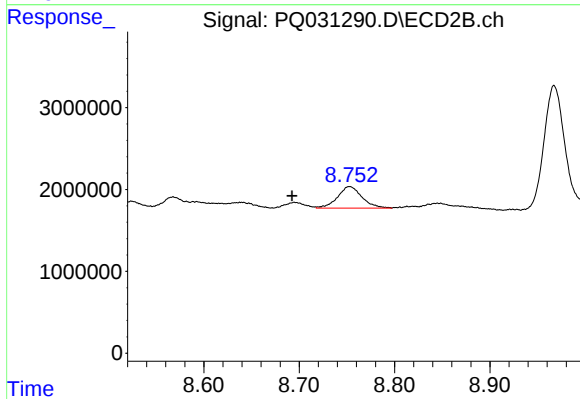
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.383 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.753 min
Delta R.T.: 0.060 min
Response: 4648227
Conc: 7.15 ng/ml